Kapala ivorensis Risbec, 1954

Material: Praslin: Anse Boudin 1 sp. 7-10.6.1999 leg. Madl.

This is the only Ethiopian member of the genus *Kapala*, Cameron, 1884, which is distributed mainly in the Neotropical Region. *Kapala ivorensis* is known from Sierra Leone, Ivory Coast, Nigeria, Cameroon, Kenya, Uganda, Zaire and Madagascar. The host is probably the ponerine ant *Odontomachus troglodytes* Santschi, 1914.

References

Heraty, JM. 2002 *Memoirs of the American Entomological Institute* **68**: III-V, 367

Masi, L. 1917 *Novitates Zoologicae* **24**: 121–230.

Review of the Pentatomidae of Seychelles (Hemiptera, Heteroptera)

Justin Gerlach[1], Michael Madl [2] & Pat Matyot[3]

[1]University Museum of Zoology Cambridge, Department of Zoology, Downing Street, Cambridge CB2 3EJ, U.K. [*jstgerlach@aol.com*]

[2]Internationales Institut für Entomologie (2. Zoologische Abteilung), Naturhistorisches Museum, Burgring 7, A-1014 Vienna, AUSTRIA [*michael.madl@nhm-wien.ac.at*]

[3]Seychelles Broadcasting Corporation, P. O. Box 323, Victoria, Mahé, SEYCHELLES [*pat.matyot@sbc.sc*]

Introduction

Recently the Pentatomidae of the Seychelles islands (inner, granitic islands of Seychelles) have been reviewed by Roche (1977). Up to date nine species have been recorded, but the distribution and the biology of the species are still imperfectly known. The material has been collected by several scientists during projects not focussed on Hemiptera. It contains six species already known from the Seychelles. Three species (*Nezara viridula* (Linné, 1758), *Bathycoelia fleuria* Roche, 1977 and *Parachinavia creolea* Roche, 1977) are recorded as new to the fauna of Silhouette, *Bathycoelia praelongirostris* Bergroth, 1893, is new to the fauna of Saint Anne and *Acrosternum heegeri* Fieber, 1861 is new to the fauna of Bird island.

The authors would like to thank the Seychelles Bureau of Standards for the permission to carry out research in Seychelles, the Ministry of Environment and Natural Resources for the permission to export the material. Many thanks are due to the Nature Protection Trust of Seychelles (R. Gerlach), the Islands Development Corporation and to Mrs. Lapolla and her staff from the Silhouette Island Lodge for their help and support during visits to Silhouette.

Acronyms of collections
NHMW: Naturhistorisches Museum Wien, Hymenoptera-Sammlung
NPTS: Nature Protection Trust of Seychelles, Silhouette

Catalogue and material from the Seychelles islands (= inner Seychelles)

Amirantea gardineri Distant, 1909

Amirantea gardineri n. sp.: Distant 1909: 31 (descr.), pl. 4 (fig. 1)
Amirantea gardineri Distant. 1909: Distant 1913: 144 (biol., distr.)
Amirantea gardineri Distant. 1909: Roche 1977: 560 (key), 561 (descr.)
Amirantea gardineri Distant. 1909: Scott 1933: 337 (biol.), 347
Amirantea gardineri Distant. 1909: Gerlach, et. al. 1997: 20 (cat.)

Distribution: Inner Seychelles: Mahé, Silhouette.
Endemic. Only recorded from Mahé and Silhouette in 1905 and 1908.

Acrosternum heegeri Fieber, 1861

Nezara heegeri (Fieber, 1861): Distant 1913: 144 (distr.)
Chinavia emmerezi (Schouteden, 1905): Orian 1965: 28 (tax.)
Acrosternum heegeri Fieber, 1861: Roche 1977: 560 (key), 561 (tax., distr.)
Nezara heegeri (Fieber, 1861): Gerlach, Matyot & Saaristo 1997: 20 (cat.)
Acrosternum heegeri Fieber, 1861: Aride Island Res. Group 1999: 50 (distr.)
Acrosternum heegeri Fieber, 1861: Gerlach 2003: 17 (distr.)

Distribution: Inner Seychelles: Mahé, Silhouette, Aride, Bird – Aldabra Group: Aldabra, Assumption
Material examined:
Silhouette: La Passe, 1m, light trap 1 female 30.7.-1.8.2000 leg. J. Gerlach (NPTS); at light 1 female 7-13.5.2002 leg. Madl (NHMW).
Bird: 1 male, 21-26.3.2003 leg. J. Lawrence (NPTS).
Aldabra. – Esprit, 4.5.2004 leg. U. Samedi (NPTS).
Known from the southern Palearctic and Ethiopian Region. Reported to be 'one of the commonest Pentatomidae on Mahé.' (Roche 1977). A new record for Bird island

Bathycoelia cascadea Roche, 1977

Bathycoelia cascadea n. sp.: Roche 1977: 560 (key), 566 (descr.), 567 (figs. 11-14)

Distribution: Inner Seychelles: Mahé, Silhouette, Praslin.
Material examined:
Mahé: Beau Vallon, 20.9.2004 leg. J. Gerlach (NPTS).
Silhouette: La Passe, at light, 3 males 17.7.1998, 1-6.4.2004 leg. J. Gerlach (NPTS). La Passe, at light, 2 males, 4 females 16-22.5.2003 leg. Madl (NHMW).
Endemic to the Inner Seychelles. Previously recorded from Mahé (Cascade, Mt. Fleuri, Anse la Mouche, Bel Ombre), Praslin (Fond l'Anse), Silhouette (Mare aux Cochons) in 1970 and 1972-3 (Roche 1977).

Bathycoelia fleuria Roche, 1977

Bathycoelia fleuria n. sp.: Roche 1977: 560 (key), 567 (figs. 15-18), 569 (descr.)
Bathycoelia fleuria Roche, 1977: Gerlach 2003: 17

Distribution: Inner Seychelles: Mahé, Silhouette, Praslin.
Material examined:
Mahé: Petite Police Bay 1 male 4. 5. 2002 leg. Madl (NHMW).
Silhouette: La Passe, at light, 5-14.6.2004 leg. J. Gerlach (NPTS). 1 male 7-13.5.2002; at light, 10 males, 12 females 16-22.5.2002 leg. Madl (NHMW).
Endemic to the Inner Seychelles. New to the fauna of Silhouette; previously recorded from Mahé (Mt. Fleuri, Bel Ombre, Anse la Mouche), Praslin (Grand' Anse, Anse Boudin) in 1971-2 (Roche 1977).

Bathycoelia praelongirostris Bergroth, 1893

Bathycoelia praelongirostris n. sp.: Bergroth 1893: 198 (distr.), 200 (descr.)
Bathycoelia praelongirostris Bergroth, 1893: Distant 1913: 144 (distr.)
Bathycoelia praelongirostris Bergroth, 1893: Roche 1977: 560 (key), 566 (tax.)
Bathycoelia praelongirostris Bergroth, 1893: Gerlach, et. al. 1997: 20 (cat.)
Bathycoelia praelongirostris Bergroth, 1893: Cadbury 2001: 65 (distr.)
Bathycoelia praelongirostris Bergroth, 1893: Gerlach 2003: 17 (distr.)

Distribution: Inner Seychelles: Mahé, Saint Anne, Silhouette, Aride – Coetivy.
Material examined:
Saint Anne: 30 m, at light, 10.12.2001 leg. J. Gerlach (NPTS).
Silhouette: La Passe, at light, 1 male 16-22.5.2003 leg. Madl (NHMW). La Passe, at light 6.4.2004, 5-6.6.2004 leg. J. Gerlach (NPTS)
Aride: 2 m, on *Peponium vogelii*, 1 sp. 1.7.2000 leg. L. Cadbury (NPTS).
Endemic to the Inner Seychelles. New to the fauna of Saint Anne; previously recorded from Mahé in 1892, Mahé, Silhouette and Coetivy in 1905 and 1908-9 (Roche 1977).

Chinavia spicata (Distant, 1913)

Nezara acuta Dallas 1851: Distant 1909: 38 (distr.)
Nezara spicata n. sp.: Distant 1913: 143 (descr.)
Nezara acuta Dallas 1851: Bergroth 1893: 198 (distr.)
Chinavia spicata (Distant, 1913): Roche 1977: 559 (key), 563 (figs. 1, 4, 6, 8), 564 (tax., distr.)
Nezara spicata Distant, 1913: Gerlach, Matyot & Saaristo 1997: 20 (cat.)
Chinavia spicata (Distant, 1913): Gerlach, Willi & Gerlach 2001: 37 (distr.)
Chinavia spicata (Distant, 1913): Gerlach 2003: 17 (distr.)

Distribution: Inner Seychelles: Mahé, Silhouette, North.
Material examined:
Silhouette: Belle Vue, 200 m, on *Clidemia hirta* 1 male, 1 female 17.7.2000 leg. J. Gerlach & J. Willi (NPTS).
North: 2 m, 1 male 1 female 29.7.2000 leg. J. Gerlach, J. Willi & R. Gerlach (NPTS).
Endemic to the inner Seychelles islands, Roche (1977) reported the species to be

common on Mahé.

Nezara viridula (Linné, 1758)

Nezara viridula (Linné, 1758): Bergroth 1893: 198 (distr.)
Nezara viridula (Linné, 1758): Distant 1913: 143 (distr.)
Nezara viridula var. *smaragdula* (Fabricius, 1775): Freeman 1940: 357 (descr., distr.)
Nezara viridula (Linné, 1758): Roche 1977: 560 (key), 562 (distr.)

Distribution: Inner Seychelles: Mahé, Silhouette, Bird, Denis.
Material examined:
Silhouette: La Passe, sea level, at light. 5-6.6.2004. leg. J. Gerlach (NPTS).
A cosmopolitan species. In the Malagasy Subregion recorded from Madagascar, Réunion, Mauritius and Cargados Islands. Recorded from Mahé in 1892, 1905, 1908-9 and reported to be 'far from common' by Roche (1977).

Parachinavia creolea Roche, 1977

Parachinavia creolea n. sp.: Roche 1977: 560 (key), 565 (typ. gen., descr., figs. 9, 10)
Parachinavia creolea Roche, 1977: Gerlach 2003: 17

Distribution: Inner Seychelles: Mahé, Silhouette.
Material examined:
Silhouette: La Passe 10.12.2004 leg. J. Gerlach (NPTS). Pointe Zeng Zeng 1 female 12.5.2002 leg. Madl (NHMW).
Endemic to the Inner Seychelles. New to the fauna of Silhouette, previously only reported from Mt. Fleuri on Mahé in 1972 (Roche 1977).

Phricodus hystrix (Germar, 1839)

Phricodus hystrix (Germar, 1839): Roche 1977: 560 (key), 570 (tax., distr.)

Distribution: Inner Seychelles: Mahé.
Known from the Ethiopian and Oriental Region. In the Malagasy subregion recorded from Madagascar and Mauritius. Reported to be 'not uncommon on Mahé' by Roche (1977).

References

Aride Island Research Group 1999 *Phelsuma* **7**; 37-55.
Bergroth, E. 1893 *Rev Entomol*. 12; 197-209.
Cadbury, L. 2001 *Phelsuma* **9**; 63-65.
Distant, L. 1909 *Trans. Linn. Soc. Lond., 2. Zool.* **13**; 29-48, pl. 4.
1913 *Trans. Linn. Soc. Lond., 2. Zool* **16**; 139-191, pl. 11-13.
Freeman, P. 1940 *Trans*. R. Ent. Soc. Lond. **90**; 351-374.
Gerlach, J. 2003 *Phelsuma* **11** (Supplement B); 47 pp.
Gerlach, J. Matyot, P. & Saaristo, M. 1997 *Phelsuma* **5** (supplement A); 42 pp.
Gerlach, J. Willi, J. & Gerlach, R. 2001 *Phelsuma* **9**; 29-38.
Orian, AJE. 1965 *Proc. R. Ent. Soc. Lond., B Taxonomy* **34**; 25-30.

ROCHE, PJL. 1977 *Rev. Zool. Afr.* **91**; 558-572.
SCOTT, H. 1933 *Trans. Linn. Soc. Lond., 2.Zool* **19**; 307-391.

Table 1. Distribution of Pentatomidae in the Republic of Seychelles. P = present

Species	Inner islands							
	Mahé	St. Anne	Silhouette	North	Praslin	Aride	Bird	Denis
Acrosternum heegeri	P		P			P	P	
Amirantea gardineri	P		P					
Bathycoelia cascadea	P		P		P			
Bathycoelia fleuria	P		P		P			
Bathycoelia praelongirostris	P	P	P			P		
Chinavia spicata	P		P	P				
Nezara viridula	P		P				P	P
Parachinavia creolea	P		P					
Phricodus hystrix	P							

Species	Coetivy	Aldabra Group		
		Aldabra	Assumption	Cosmoledo
Acrosternum heegeri		P	P	
Bathycoelia praelongirostris	P			
Carbula marginella		P		P
Eusarcocoris imperator		P	P	
Menida transversa		P		
Stenozygum aldabranum		P		
Stenozygum insularum				P